Contents

(Abstracted/indexed in: Chemical Abstracts; Current Contents: Physical, Chemical and Earth Sciences: INSPEC; PASCAL/CNRS)

VOLUME 33 (1988)

The effect of trace water on non-aqueous silica dispersions	
J.W. Goodwin, F. McDonald (Bristol, United Kingdom) and P.A. Reynolds	
(Gateshead, United Kingdom)	1
Interaction of insulin with lipid monolayers at the air/solution interface	
Z. Kozarac (Zagreb, Yugoslavia), A. Dhathathreyan and D. Möbius (Göttingen,	
F.R.G.)	11
Three-phase contact line movement in systems with and without surfactant	
W. Hopf and H. Stechemesser (Freiberg, G.D.R.)	25
A new technique for determining mineral-reagent chemical interaction products by	
transmission IR spectroscopy: cerussite-xanthate system	
A. Marabini and C. Cozza (Rome, Italy)	35
Local anesthetics-phospholipid interaction. A study of Dibucaine binding to lipid	
monolayers	
A. Dhathathreyan and D. Möbius (Göttingen, F.R.G.)	43
Adsorption thermodynamics of carbofuran on fly ash	
K. Kumari, R.P. Singh and S.K. Saxena (Aligarh, India)	55
Effects of polyelectrolyte on the deposition and detachment of colloidal particles	
subjected to flow	
S. Varennes and T.G.M. van de Ven (Montreal, Canada)	63
Titration behavior and temperature-pH phase diagrams for dilute aqueous solutions of	
alkenesuccinic acids and their potassium and sodium salts	
T. Imae, S. Suzuki, A. Abe, S. Ikeda (Nagoya, Japan), Y. Fukui, M. Senoh and	
K. Tsujii (Wakayama, Japan)	75
Determination of surface free energy components of polymers from contact angle data	
using nonlinear programming methods	
H.Y. Erbil and R.A. Meriç (Kocaeli, Turkey)	85
Adsorption kinetics of micellar Brij 58 solutions	00
P. Joos and J. van Hunsel (Wilrijk, Belgium)	99
Adsorption/desorption of a PEO-rich comb-like polymer at a silica/aqueous solution	00
interface	
C. Orgeret-Ravanat, Ph. Gramain, Ph. Dejardin and A. Schmitt (Strasbourg, France)	109
Sorptions on lignin, wood and celluloses. I. Bile salts	100
P. Zuman, S. Ainso, C. Paden and B.A. Pethica (Potsdam, NY, U.S.A.)	121
Sorptions of lignin, wood and celluloses. II. Nitrosamines	
S. Ainso, C. Paden, B.A. Pethica and P. Zuman (Potsdam, NY, U.S.A.)	133
Sorptions on lignin, wood and celluloses. III. Copper (II) and zinc (II) ions	.00
J. Wieber, F. Kulik, B.A. Pethica and P. Zuman (Potsdam, NY, U.S.A.)	141
Electrostatic interaction of two dissimilar membranes: effects of ionic solubility,	. 11
permittivity and thickness of surface charge layers	
K. Makino, H. Ohshima and T. Kondo (Tokyo, Japan)	53
Adsorption at solid/solution interfaces. 6. Interactions of Co ²⁺ ions with spherical	.00
Ausorption at solid/solidion interfaces. 0. interactions of Co ions with spherical	

hematite particles	
I. Kobal, P. Hesleitner and E. Matijević (Potsdam, NY, U.S.A.)	16
Polystyrene latex fractionation and particle size determination: the use of density	
gradients in a low-speed centrifuge	
M.C. Pires Costa and F. Galembeck (Campinas, Brazil)	178
Hydrophobicity gradient on silica surfaces: a study using total internal reflection	
fluorescence spectroscopy	
V. Hlady, C. Gölander and J.D. Andrade (Salt Lake City, UT, U.S.A.)	188
Electrochemical modelling of freshly precipitated aluminum hydroxide-electrolyte	
interface	
E. Rakotonarivo, J.Y. Bottero, F. Thomas, J.E. Poirier and J.M. Cases	
(Vandoeuvre, France)	191
Interfacial versus aqueous phase reaction sites in the solvent extraction of metal ions: the	
ambiguity of correlation plots	
K. Osseo-Asare (University Park, PA, U.S.A.)	209
The properties of the calcite-solution interface in the presence of adsorbed resins or	
asphaltenes	
G. González and A. Middea (Rio de Janeiro, Brazil)	217
XPS study of the oxidation of cuprous sulphide in aerated aqueous solutions	
J. Mielczarski (Gliwice, Poland) and E. Suoninen (Turku, Finland)	231
Effect of alkyl sulfate chain length on flocculation and flotation of barite suspensions	
Z. Sadowski (Wroclaw, Poland) and R.W. Smith (Reno, NV, U.S.A.)	. 239
Observation of temporary liquid crystals in water-in-oil microemulsion systems	
Z. Ma, S.E. Friberg (Potsdam, NY, U.S.A.) and P. Neogi (Rolla, MO, U.S.A.)	. 249
Theoretical foundations of post-solder cleaning process for printed wiring assemblies	
M.V. Ostrovsky (Fernandina Beach, FL, U.S.A.)	. 259
Clay-fiber interaction in the presence of polyethylenimine and anionic contaminants	. 200
B. Alince (Pointe Claire, Canada)	. 279
Surface-chemical properties of alkylmethylsulfoxide-ionic surfactant systems	
GX. Zhao and DM. Zhu (Beijing, China)	. 289
Thermodynamic model for surfactant adsorption	. 200
G.W. Woodbury, Jr (Missoula, MT, U.S.A.) and L.A. Noll (Bartlesville, OK, U.S.A.)	. 301
Surface and micellar properties of sodium l-alkyl decane sulfonates	
R. Granet and S. Piekarski (Limoges, France)	.321
Dynamic (steady state) interfacial tensions during mass transfer of organic acids through	
a hexane/water interface	
M. Vermeulen and P. Joos (Wilrijk, Belgium)	.337
121 Formed and 1 Foods (Francisco)	
Book Review	.347
Announcement	
Author Index	.349
Subject Index	
Contents (Vol. 33)	

